

SCALE (ft)		
0	1,500	3,000

## Note:

Simulated concentrations from fate and transport groundwatermodel compared to measured concentrations obtained in 2005/2006.

 Basemap from: "Remedial Investigation/ Feasibility Study Report Sauget Area 2", URS Corporation, St. Louis, Missouri, January 30, 2004.

The residual value plotted is the difference between simulated and measured values.
 Positive residuals indicate model overestimation while negative residuals indicate model underestimation.

## Well ID Residual in mg/L

## **LEGEND**

Model Under Predicts by

> 2 mg/L

• 1.5 - 2 mg/L

♦ 1.0 - 1.5 mg/L

▲ 0.5 - 1.0 mg/L

up to 0.5 mg/L

## Model Over Predicts by

> 2 mg/L

• 1.5 - 2 mg/L

1 - 1.5 mg/L

▲ 0.5 - 1 mg/L

♣ up to 0.5 mg/L



Scale: As Shown	FIGURE 79
Revised:	Approved By: CJN
22-Feb-08	Reviewed By: CJN
G-2935	SKF/CDM

Spatial Correlation Between Simulated and Measured Concentrations

Trichloroethene: Shallow Hydrogeologic Unit (Layer 1 in Model)

REGIONAL GROUNDWATER FATE AND TRANSPORT MODEL American Bottoms Aquifer